

## SEQUENCE LISTING

<110> Alnemri, Emad S.

<120> NOVEL TRAIL RECEPTORS, NUCLEIC ACIDS ENCODING SAME, AND  
METHODS OF USE THEREOF

<130> 480140.432D1

<140> US

<141> 2002-02-04

<160> 6

<170> PatentIn Ver. 2.0

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<211> 1236

<212> DNA

<213> Homo sapiens

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cgg	gtc	ccc	aag	acc	ctt	gtg	ctc	gtt	gtc	gcc	gcg	gtc	ctg	ctg	ttg	144
Arg	Val	Pro	Lys	Thr	Leu	Val	Leu	Val	Val	Ala	Ala	Val	Leu	Leu	Leu	
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gtc	tca	gct	gag	tct	gct	ctg	atc	acc	caa	caa	gac	cta	gct	ccc	cag	192
Val	Ser	Ala	Glu	Ser	Ala	Leu	Ile	Thr	Gln	Gln	Asp	Leu	Ala	Pro	Gln	
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Gln	Arg	Val	Ala	Pro	Gln	Gln	Lys	Arg	Ser	Ser	Pro	Ser	Glu	Gly	Leu	
65					70					75					80	

tgt	cca	cct	gga	cac	cat	atc	tca	gaa	gac	ggg	aga	gat	tgc	atc	tcc	288
Cys	Pro	Pro	Gly	His	His	Ile	Ser	Glu	Asp	Gly	Arg	Asp	Cys	Ile	Ser	
				85					90					95		

tgc	aaa	tat	gga	cag	gac	tat	agc	act	cac	tggt	aat	gac	ctc	ctt	ttc	336
Cys	Lys	Tyr	Gly	Gln	Asp	Tyr	Ser	Thr	His	Trp	Asn	Asp	Leu	Leu	Phe	
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Cys	Leu	Arg	Cys	Thr	Arg	Cys	Asp	Ser	Gly	Glu	Val	Glu	Leu	Ser	Pro	
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Cys Thr Thr Thr Arg Asn Thr Val Cys Gln Cys Glu Glu Gly Thr Phe	
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Arg Glu Glu Asp Ser Pro Glu Met Cys Arg Lys Cys Arg Thr Gly Cys	
145 150 155 160	
ccc aga ggg atg gtc aag gtc ggt gat tgt aca ccc tgg agt gac atc	528
Pro Arg Gly Met Val Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile	
165 170 175	
gaa tgt gtc cac aaa gaa tca ggc atc atc ata gga gtc aca gtt gca	576
Glu Cys Val His Lys Glu Ser Gly Ile Ile Ile Gly Val Thr Val Ala	
180 185 190	
gcc gta gtc ttg att gtg gct gtg ttt gtt tgc aag tct tta ctg tgg	624
Ala Val Val Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp	
195 200 205	
aag aaa gtc ctt cct tac ctg aaa ggc atc tgc tca ggt ggt ggt ggg	672
Lys Lys Val Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly	
210 215 220	
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Asp Pro Glu Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp	
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260 265 270	
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Glu Arg Ser Gln Arg Arg Arg Leu Leu Val Pro Ala Asn Glu Gly Asp	
290 295 300	
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305 310 315 320	
ccc ttt gac tcc tgg gag ccg ctc atg agg aag ttg ggc ctc atg gac	1008
Pro Phe Asp Ser Trp Glu Pro Leu Met Arg Lys Leu Gly Leu Met Asp	
325 330 335	
aat gag ata aag gtg gct aaa gct gag gca gcg ggc cac agg gac acc	1056
Asn Glu Ile Lys Val Ala Lys Ala Glu Ala Ala Gly His Arg Asp Thr	
340 345 350	

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Ser Val His Thr Leu Leu Asp Ala Leu Glu Thr Leu Gly Glu Arg Leu
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Ala Lys Gln Lys Ile Glu Asp His Leu Leu Ser Ser Gly Lys Phe Met
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Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val Leu Leu Leu
      35              40              45

Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp Leu Ala Pro Gln
      50              55              60

Gln Arg Val Ala Pro Gln Gln Lys Arg Ser Ser Pro Ser Glu Gly Leu
      65              70              75              80

Cys Pro Pro Gly His His Ile Ser Glu Asp Gly Arg Asp Cys Ile Ser
      85              90              95

Cys Lys Tyr Gly Gln Asp Tyr Ser Thr His Trp Asn Asp Leu Leu Phe
      100              105              110

Cys Leu Arg Cys Thr Arg Cys Asp Ser Gly Glu Val Glu Leu Ser Pro
      115              120              125

Cys Thr Thr Thr Arg Asn Thr Val Cys Gln Cys Glu Glu Gly Thr Phe
      130              135              140

Arg Glu Glu Asp Ser Pro Glu Met Cys Arg Lys Cys Arg Thr Gly Cys
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caa gac ggc gtc ggg aac cat acc atg gcc cgg atc ccc aag acc cta	Gln Asp Gly Val Gly Asn His Thr Met Ala Arg Ile Pro Lys Thr Leu				35 40 45												144
aag ttc gtc gtc gtc atc gtc gcg gtc ctg ctg cca gtc cta gct tac	Lys Phe Val Val Val Ile Val Ala Val Leu Leu Pro Val Leu Ala Tyr				50 55 60												192
tct gcc acc act gcc cgg cag gag gaa gtt ccc cag cag aca gtg gcc	Ser Ala Thr Thr Ala Arg Gln Glu Glu Val Pro Gln Gln Thr Val Ala				65 70 75 80												240
cca cag caa cag agg cac agc ttc aag ggg gag gag tgt cca gca gga	Pro Gln Gln Gln Arg His Ser Phe Lys Gly Glu Glu Cys Pro Ala Gly				85 90 95												288
tct cat aga tca gaa cat act gga gcc tgt aac ccg tgc aca gag ggt	Ser His Arg Ser Glu His Thr Gly Ala Cys Asn Pro Cys Thr Glu Gly				100 105 110												336
gtg gat tac acc aac gct tcc aac aat gaa cct tct tgc ttc cca tgt	Val Asp Tyr Thr Asn Ala Ser Asn Asn Glu Pro Ser Cys Phe Pro Cys				115 120 125												384
aca gtt tgt aaa tca gat caa aaa cat aaa agt tcc tgc acc atg acc	Thr Val Cys Lys Ser Asp Gln Lys His Lys Ser Ser Cys Thr Met Thr				130 135 140												432
aga gac aca gtg tgt cag tgt aaa gaa ggc acc ttc cgg aat gaa aac	Arg Asp Thr Val Cys Gln Cys Lys Glu Gly Thr Phe Arg Asn Glu Asn				145 150 155 160												480
tcc cca gag atg tgc cgg aag tgt agc agg tgc cct agt ggg gaa gtc	Ser Pro Glu Met Cys Arg Lys Cys Ser Arg Cys Pro Ser Gly Glu Val				165 170 175												528
caa gtc agt aat tgt acg tcc tgg gat gat atc cag tgt gtt gaa gaa	Gln Val Ser Asn Cys Thr Ser Trp Asp Asp Ile Gln Cys Val Glu Glu				180 185 190												576
ttt ggt gcc aat gcc act gtg gaa acc cca gct gct gaa gag aca atg	Phe Gly Ala Asn Ala Thr Val Glu Thr Pro Ala Ala Glu Glu Thr Met				195 200 205												624
aac acc agc ccg ggg act cct gcc cca gct gct gaa gag aca atg aac	Asn Thr Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Asn				210 215 220												672
acc agc cca ggg act cct gcc cca gct gct gaa gag aca atg acc acc	Thr Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Thr Thr				225 230 235 240												720

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 Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Thr Thr Ser  
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ccg ggg act cct gcc cca gct gct gaa gag aca atg acc acc agc ccg 816  
 Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Thr Thr Ser Pro  
                   260                  265                  270

ggg act cct gcc tct tct cat tac ctc tca tgc acc atc gta ggg atc 864  
 Gly Thr Pro Ala Ser Ser His Tyr Leu Ser Cys Thr Ile Val Gly Ile  
                   275                  280                  285

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<213> Homo sapiens

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           20                  25                  30

Gln Asp Gly Val Gly Asn His Thr Met Ala Arg Ile Pro Lys Thr Leu  
           35                  40                  45

Lys Phe Val Val Val Ile Val Ala Val Leu Leu Pro Val Leu Ala Tyr  
           50                  55                  60

Ser Ala Thr Thr Ala Arg Gln Glu Glu Val Pro Gln Gln Thr Val Ala  
   65                  70                  75                  80

Pro Gln Gln Gln Arg His Ser Phe Lys Gly Glu Glu Cys Pro Ala Gly  
           85                  90                  95

Ser His Arg Ser Glu His Thr Gly Ala Cys Asn Pro Cys Thr Glu Gly  
           100                  105                  110

Val Asp Tyr Thr Asn Ala Ser Asn Asn Glu Pro Ser Cys Phe Pro Cys  
           115                  120                  125

Thr Val Cys Lys Ser Asp Gln Lys His Lys Ser Ser Cys Thr Met Thr  
           130                  135                  140

Arg Asp Thr Val Cys Gln Cys Lys Glu Gly Thr Phe Arg Asn Glu Asn  
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Ser Pro Glu Met Cys Arg Lys Cys Ser Arg Cys Pro Ser Gly Glu Val  
           165                  170                  175

CCG GGG ACT CCT GCC CCA GCT GCT GAA GAG ACA ATG ACC ACC AGC  
 PRO GLY THR PRO ALA PRO ALA ALA GLU GLU THR MET THR THR SER PRO  
 GGG ACT CCT GCC TCT TCT CAT TAC CTC TCA TGC ACC ATC GTA GGG ATC  
 GLY THR PRO ALA SER SER HIS TYR LEU SER CYS THR ILE VAL GLY ILE  
 ATA GTT CTA ATT GTG CTT CTG ATT GTG TTT GTT TGA  
 ILE VAL LEU ILE VAL LEU LEU ILE VAL PHE VAL

Gln Val Ser Asn Cys Thr Ser Trp Asp Asp Ile Gln Cys Val Glu Glu  
 180 185 190

Phe Gly Ala Asn Ala Thr Val Glu Thr Pro Ala Ala Glu Glu Thr Met  
 195 200 205

Asn Thr Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Asn  
 210 215 220

Thr Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Thr Thr  
 225 230 235 240

Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Thr Thr Ser  
 245 250 255

Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Thr Thr Ser Pro  
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 Arg His Gly Pro Gly Pro Arg Glu Ala Arg Gly Ala Arg Pro Gly Leu  
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cgg gtc ccc aag acc ctt gtg ctc gtt gtc gcc gcg gtc ctg ctg ttg 144  
 Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val Leu Leu Leu  
 35 40 45

gtc tca gct gag tct gct ctg atc acc caa caa gac cta gct ccc cag 192  
 Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp Leu Ala Pro Gln  
 50 55 60

cag aga gtg gcc cca caa caa aag agg tcc agc ccc tca gag gga ttg 240  
 Gln Arg Val Ala Pro Gln Gln Lys Arg Ser Ser Pro Ser Glu Gly Leu  
 65 70 75 80

tgt cca cct gga cac cat atc tca gaa gac ggt aga gat tgc atc tcc 288  
 Cys Pro Pro Gly His His Ile Ser Glu Asp Gly Arg Asp Cys Ile Ser

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tgc aaa tat gga cag gac tat agc act cac tgg aat gac ctc ctt ttc				336
Cys Lys Tyr Gly Gln Asp Tyr Ser Thr His Trp Asn Asp Leu Leu Phe	100	105	110	
tgc ttg cgc tgc acc agg tgt gat tca ggt gaa gtg gag cta agt ccc				384
Cys Leu Arg Cys Thr Arg Cys Asp Ser Gly Glu Val Glu Leu Ser Pro	115	120	125	
tgc acc acg acc aga aac aca gtg tgt cag tgc gaa gaa ggc acc ttc				432
Cys Thr Thr Thr Arg Asn Thr Val Cys Gln Cys Glu Glu Gly Thr Phe	130	135	140	
cgg gaa gaa gat tct cct gag atg tgc cgg aag tgc cgc aca ggg tgt				480
Arg Glu Glu Asp Ser Pro Glu Met Cys Arg Lys Cys Arg Thr Gly Cys	145	150	155	160
ccc aga ggg atg gtc aag gtc ggt gat tgt aca ccc tgg agt gac atc				528
Pro Arg Gly Met Val Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile	165	170	175	
gaa tgt gtc cac aaa gaa tca ggt aca aag cac agt ggg gaa gcc cca				576
Glu Cys Val His Lys Glu Ser Gly Thr Lys His Ser Gly Glu Ala Pro	180	185	190	
gct gtg gag gag acg gtg acc tcc agc cca ggg act cct gcc tct ccc				624
Ala Val Glu Glu Thr Val Thr Ser Ser Pro Gly Thr Pro Ala Ser Pro	195	200	205	
tgt tct ctc tca ggc atc atc ata gga gtc aca gtt gca gcc gta gtc				672
Cys Ser Leu Ser Gly Ile Ile Ile Gly Val Thr Val Ala Ala Val Val	210	215	220	
ttg att gtg gct gtg ttt gtt tgc aag tct tta ctg tgg aag aaa gtc				720
Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp Lys Lys Val	225	230	235	240
ctt cct tac ctg aaa ggc atc tgc tca ggt ggt ggt ggg gac cct gag				768
Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly Asp Pro Glu	245	250	255	
cgt gtg gac aga agc tca caa cga cct ggg gct gag gac aat gtc ctc				816
Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp Asn Val Leu	260	265	270	
aat gag atc gtg agt atc ttg cag ccc acc cag gtc cct gag cag gaa				864
Asn Glu Ile Val Ser Ile Leu Gln Pro Thr Gln Val Pro Glu Gln Glu	275	280	285	
atg gaa gtc cag gag cca gca gag cca aca ggt gtc aac aaa acc ggg				912
Met Glu Val Gln Glu Pro Ala Glu Pro Thr Gly Val Asn Lys Thr Gly	290	295	300	
cga gat gcc tct gtc cac acc ctg ctg gat gcc ttg gag acg ctg gga				960
Arg Asp Ala Ser Val His Thr Leu Leu Asp Ala Leu Glu Thr Leu Gly	305	310	315	320



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 Glu Arg Leu Ala Lys Gln Lys Ile Glu Asp His Leu Leu Ser Ser Gly  
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           20                  25                  30

Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val Leu Leu Leu  
           35                  40                  45

Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp Leu Ala Pro Gln  
   50                  55                  60

Gln Arg Val Ala Pro Gln Gln Lys Arg Ser Ser Pro Ser Glu Gly Leu  
   65                  70                  75                  80

Cys Pro Pro Gly His His Ile Ser Glu Asp Gly Arg Asp Cys Ile Ser  
                   85                  90                  95

Cys Lys Tyr Gly Gln Asp Tyr Ser Thr His Trp Asn Asp Leu Leu Phe  
           100                  105                  110

Cys Leu Arg Cys Thr Arg Cys Asp Ser Gly Glu Val Glu Leu Ser Pro  
   115                  120                  125

Cys Thr Thr Thr Arg Asn Thr Val Cys Gln Cys Glu Glu Gly Thr Phe  
   130                  135                  140

Arg Glu Glu Asp Ser Pro Glu Met Cys Arg Lys Cys Arg Thr Gly Cys  
   145                  150                  155                  160

Pro Arg Gly Met Val Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile  
           165                  170                  175

Glu Cys Val His Lys Glu Ser Gly Thr Lys His Ser Gly Glu Ala Pro  
           180                  185                  190

Ala Val Glu Glu Thr Val Thr Ser Ser Pro Gly Thr Pro Ala Ser Pro  
   195                  200                  205

Cys Ser Leu Ser Gly Ile Ile Ile Gly Val Thr Val Ala Ala Val Val  
   210                  215                  220

Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp Lys Lys Val  
 225 230 235 240  
 Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly Asp Pro Glu  
 245 250 255  
 Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp Asn Val Leu  
 260 265 270  
 Asn Glu Ile Val Ser Ile Leu Gln Pro Thr Gln Val Pro Glu Gln Glu  
 275 280 285  
 Met Glu Val Gln Glu Pro Ala Glu Pro Thr Gly Val Asn Lys Thr Gly  
 290 295 300  
 Arg Asp Ala Ser Val His Thr Leu Leu Asp Ala Leu Glu Thr Leu Gly  
 305 310 315 320  
 Glu Arg Leu Ala Lys Gln Lys Ile Glu Asp His Leu Leu Ser Ser Gly  
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 Lys Phe Met Tyr Leu Glu Gly Asn Ala Asp Ser Ala Met Ser  
 340 345 350

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